

Abstract

A propulsion system suitable for a single-use or a multi-use needleless injection device comprises a container and a source of potential energy for propelling a fluid (2) with sufficient pressure through an orifice to create a jet enabling subcutaneous or intracutaneous delivery of the fluid, the source of potential energy primarily in the form of a compressible substance (7) under pressure within the container. The compressible substance is preferably a polysiloxane or vulcanised silicon rubber.

(Fig. 1)